

# COUNTY OF SAN DIEGO

## Energy Upgrade San Diego

### Summary Sheet

ARRA EECBG Discretionary Funding: \$ 3,000,000

Leverage Funding: \$ 3,150,000 City of San Diego (incentives, edu/outreach, verification)  
\$ 60,250 San Diego Co. Water Authority (building owner incentives)  
\$ 150,000 San Diego Energy Resource Center (marketing, edu, outreach)  
\$ 885,000 Cities of Chula Vista, Poway, Vista, County of San Diego  
(marketing, education, outreach, building owner incentives)  
\$ 1,462,483 Regional Training Programs (workforce development)  
\$ 2,705,100 (est.) - IOU Whole House, Lighting, Water/Energy Programs  
\$ 8,190,000 (est.) - Tax Credits

Target Number of Retrofits (annual): 1,000 Single-family Retrofits  
1,000 Multi-family Units\*

\*Target: min. 20% energy efficiency improvement over existing conditions

Prime Contractor: County of San Diego

Sub contractors: Heschong Mahone Group, Inc. CA Center for Sustainable Energy

Partners: Brummitt Energy Assoc. EnergySoft  
CalCerts, Inc. Strategic Energy Innovations Manpower  
CBPCA

#### Partnering Clean Energy Workforce Training Program(s):

On the Job Training Program CA Solar Training Collaborative  
Green Building Training Program

#### Contract Description:

The principal goal of this program is to cultivate a sustainable market for energy efficiency retrofits for market-rate and affordable single family and multi-family buildings in a regional effort to reduce energy consumption and create jobs. The program will help create a properly trained residential retrofit workforce, educate homeowners about the program and available incentives, and develop tools and best practices that could be applied to future residential retrofit programs, with a focus on marketing, education and outreach.

#### Highlights:

**Regional approach:** A consortium of local governments, workforce development organizations, community colleges, utilities. **Financing:** will launch Neighborhood Stabilization and other financing programs aimed at low/moderate income homeowners. **Workforce Development:** will train home performance contractors, HERS raters, auditors, inspectors; develop curriculum in community colleges and independent training providers; offer internships, on-the-job training (\$493,939 total). **Tool Development:** will develop navigational tool to match homeowners with initiatives; multi-family energy audit program; extended HERS II audit, field verification and diagnostic testing protocols to multi-family high rise buildings; multi-family building simulation tools; pilot use of the California Utility Allowance calculator (CUAC) for rehab projects.

Comments:

1. County of San Diego is calling their program "Energy Upgrade San Diego."
2. The county has provided the following numbers for on-the-job training and internship programs:
  - \$113,639 for multi-family HERS training
  - \$157,900 for internships, on-the-job training and ancillary workforce readiness training
  - \$222,400 for home performance contractor in-the-field "boot camp" training.

Bullets:

- a consortium of local governments, workforce development organizations, community colleges, community groups and utilities
- will launch Neighborhood stabilization and other financing programs aimed at low and moderate income homeowners
- will train home performance contractors, HERS raters, auditors and inspectors, to establish a robust workforce to perform energy assessments and energy upgrades in the region
- Will develop curriculum in community colleges, and will offer internships and on-the-job training programs
- Will develop a multi-family energy audit program, and will extend HERS II audit and field verification and diagnostic testing protocols to high-rise multi-family buildings (does not now exist in that sector)
- will pilot the use of the California Utility Allowance Calculator (CUAC) for multi-family rehab projects. (It is currently used for new construction low income/affordable projects)